

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A cobalt imprinted polymer composition useful for the selective removal of cobalt, having general formula (1)



wherein A is any vinyl monomer containing hydroxyl group, B is any vinyl monomer bearing acidic group, C is any vinyl monomer containing an amino group and D is a cross linker bearing vinyl group and x,y,z and f are the mole fractions of A, B, C and D respectively in the final polymer and vary such that $0 < x, y, z < 1$ and f ~~can vary between 0 and~~ is greater than zero but less than 1 and $x+y+z+f=1$.

2-13. Cancelled